# BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

## DRAFT TENDER SCHEDULE

**Issued to :** **Original / Duplicate**

**Improvements to roads and drains near Hebbal shanimahatma temple in ward No.07, Byatarayanapura**

| Sl. No. | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 1 | 72.90 | KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.142.Item No.19.1) | cum | 86.92 | Rupees Eighty Six and Ninety Two Paise Only |
| 2 | 600.70 | KSRRB 300-1. Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surafce levelled and neatly dressed, disposed earth to be levelled including breaking clodsand neatly dressed as per specifications.. Pg No.05.Item No.2.1) | cum | 166.42 | Rupees One Hundred Sixty Six and Forty Two Paise Only |
| 3 | 195.00 | Providing granite slabs of selected quality roughly dressed and fixed in cementer mortar (1:6) including fixing curing etc., complete. Pg No.25, Item No.5.31.1 (7.5 cms thick) | sqm | 665.68 | Rupees Six Hundred Sixty Five and Sixty Eight Paise Only |
| 4 | 394.23 | KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.12, It.4.3) | cum | 5159.02 | Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only |
| 5 | 2.88 | KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications.(Item No.4.6, Page No.12) | cum | 5767.46 | Rupees Five Thousand Seven Hundred Sixty Seven and Forty Six Paise Only |
| 6 | 19.44 | KSRB 5.3-1:Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, la[illegible]r, curing etc., complete as per specifications.(P-23. Item No. 5.6) | cum | 4438.22 | Rupees Four Thousand Four Hundred Thirty Eight and Twenty Two Paise Only |
| 7 | 238.20 | KSRB 5.3-1:Providing ruled pointing of course stone msonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicley lining, including cost of materials, labour, curing etc., complete as per specifications and directions of the engineer-in-charge. (P-112, Item No. 15.8) | cum | 37.10 | Rupees Thirty Seven and Ten Paise Only |

| Sl. No. | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 8 | 258.50 | Cement concrete pavement. Construction of un-reinfirced plain cement concrete pavement, thickness as per deisgn, over a prepraed sub base with OPC cement or any other type as per clause 1051..2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates ,with superplastiser @ 3lts confirming to IS9103-1999 REAFFIRMED-2008, Mixed in a concrete mixer of not less than 0.6 cum capacity and approximate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates inlcuding levelling the form work as per drawing) and spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continous operation including, provision of contraction, expansion, construction operation including longitudinal joints, including groove cutting charges joint filler, sparation menebrane, sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specfication.M20 (AT 300 Kg per cum coarse aggregats @ 0.69cum and fine aggregate @0.43cum) (Pg No.177, It No.22.6.2) | cum | 5508.82 | Rupees Five Thousand Five Hundred Eight and Eighty Two Paise Only |
| 9 | 2585.00 | Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cst of generator, HOM of machinery screed vibaratory, power floater, blade and disc etc., with all leads and lift. (P177, It No. 22.7) | sqm | 95.40 | Rupees Ninety Five and Forty Paise Only |
| 10 | 251.52 | Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate) | sqm | 5111.00 | Rupees Five Thousand One Hundred Eleven Only |
| 11 | 600.70 | KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 118, item No. 17.1) | cum | 106.00 | Rupees One Hundred Six Only |

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

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3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

"DTS Approved"

Chief Engineer
Yelahanka Zone
Jhath Bangalore Mahanagara
Bangalore 92

# BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

## DRAFT TENDER SCHEDULE

**Issued to :** **Original / Duplicate**

**Improvements to roads and drains Amruthalli gramatana pending works) and surrounding areas in ward No.07, Byatarayanapura**

| Sl. No. | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 1 | **1055.30** | KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.142.Item No.19.1) | cum | 86.92 | Rupees Eighty Six and Ninety Two Paise Only |
| 2 | **45.00** | Providing granite slabs of selected quality, roughly dressed and fixed in cementer mortar (1:6) including fixing curing etc., complete. Pg No.25, Item No.5.31.1 (7.5 cms thick) | Sqm | 665.68 | Rupees Six Hundred Sixty Five and Sixty Eight Paise Only |
| 3 | **12.15** | KSRB 5.4-3: Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 23 / Item No. 5.12 / PWD SR 2016-17 | cum | 4438.22 | Rupees Four Thousand Four Hundred Thirty Eight and Twenty Two Paise Only |
| | **28.35** | With Avilable stones | cum | 4281.34 | Rupees Four Thousand Two Hundred Eighty One and Thirty Four Paise Only |
| 4 | **241.90** | KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.12, It.4.3) | cum | 5159.02 | Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only |
| 5 | 241.90 | Cement concrete pavement. Construction of un-reinfirced plain cement concrete pavement, thickness as per deisgn, over a prepraed sub base with OPC cement or any other type as per clause 1051..2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates ,with superplastiser @ 3lts confirming to IS9103-1999 REAFFIRMED-2008, Mixed in a concrete mixer of not less than 0.6 cum capacity and approximate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates inlcuding levelling the form work as per drawing) and spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continous operation including, provision of contraction, expansion, construction operation including longitudinal joints, including groove cutting charges joint filler, sparation menebrane, sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specfication.M20 (AT 300 Kg per cum coarse aggregats @ 0.69cum and fine aggregate @0.43cum) (Pg No.177, It No.22.6.2) | cum | 5508.82 | Rupees Five Thousand Five Hundred Eight and Eighty Two Paise Only |
| 7 | 13.50 | KSRB4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.69 cum and fine aggragtes @ 0.459cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complate as per specifications. (Page No. 12. Item No. 4.6) | Sqm | 5767.46 | Rupees Five Thousand Seven Hundred Sixty Seven and Forty Six Paise Only |

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| Sl. No. | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 8 | 126.00 | Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing comlete as per specification (Data Rate) | cum | 5111.00 | Rupees Five Thousand One Hundred Eleven Only |
| 9 | 237.00 | KSSRB M 400-17: Providing laying, spreading and compacting graded fine aggregate to wet mix macadam specificationns including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surfce and compating with vibratory roller to achieve the desired density complete as per specifications. MORTH specifications no. 406(P-157., It No: 20.18) | Sqm | 1768.08 | Rupees One Thousand Seven Hundred Sixty Eight and Eight Paise Only |
| 10 | 1185.00 | KSRRB 500-07: Providing and applying primer coat with SS bitumen emulsion on prepared surface o fgranular sub base such as WMM including cleaning of road surface and spraying primer at the rate of 0.6kg/m using mechanical means complete as per specifications., Pg No. 161. Item No. 21.6) | cum | 27.56 | Rupees Twenty Seven and Fifty Six Paise Only |
| 11 | 47.40 | Providing and laying bituminous concrete40MM thick with hotmix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filleeer, transporting of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required gradde, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to acheive the desired compaction as per MORTH specifications clause No.509 complete in all respects complete as per specifications. using 40/60 TPH capacity H.M.P with mechanical paver Gr-11(30mm to 45mm) with 5.4% of modified binder consisting of 4.97% VG-10 bitumen (80/100) grade and 0.43% of plastomeric thermoplastics(Waste plastic)(Page No.172, It No.21.78.6) | cum | 7150.76 | Rupees Seven Thousand One Hundred Fifty and Seventy Six Paise Only |
| 12 | 1055.30 | KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 118, item No. 17.1) | cum | 106.00 | Rupees One Hundred Six Only |

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

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DTS Approved

Chief Engineer
Yelahanka Zone
Bruhath Bangalore Mahanagara
Palike
Bangalore 92

# BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

## DRAFT TENDER SCHEDULE

**Issued to :** **Original / Duplicate**

**Name of Work:- Improvements to roads and drains Sanjeevinagara, Byatarayanapura and kempapura in ward No.07, Byatarayanapura**

| Sl. No. | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 1 | 498.96 | Removing & Refixing Stone slabs of drains and Pointing in C.M(1:3) (P.No.25, I.No.5.33 of PW, P&IWTD SR 2016-17) | Sqm | 80.56 | Rupees Eighty and Fifty Six Paise Only |
| 2 | 1248.45 | KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.142.Item No.19.1) | cum | 86.92 | Rupees Eighty Six and Ninety Two Paise Only |
| 3 | 55.44 | Providing granite slabs of selected quality roughly dressed and fixed in cementer mortar (1:6) including fixing curing etc., complete. Pg No.25, Item No.5.31.1 (7.5 cms thick) | Sqm | 665.68 | Rupees Six Hundred Sixty Five and Sixty Eight Paise Only |
| 4 | 347.03 | KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.12, It.4.3) | cum | 5159.02 | Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only |
| 5 | 231.35 | Cement concrete pavement. Construction of un-reinfirced plain cement concrete pavement, thickness as per deisgn, over a prepraed sub base with OPC cement or any other type as per clause 1051..2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates ,with superplastiser @ 3lts confirming to IS9103-1999 REAFFIRMED-2008, Mixed in a concrete mixer of not less than 0.6 cum capacity and approximate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates inlcuding levelling the form work as per drawing) and spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continous operation including, provision of contraction, expansion, construction operation including longitudinal joints, including groove cutting charges joint filler, sparation menebrane, sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specfication.M20 (AT 300 Kg per cum coarse aggregats @ 0.69cum and fine aggregate @0.43cum) (Pg No.177, It No.22.6.2) | cum | 5508.82 | Rupees Five Thousand Five Hundred Eight and Eighty Two Paise Only |
| 6 | 2313.50 | Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cst of generator, HOM of machinery screed vibaratory, power floater, blade and disc etc., with all leads and lift. (P177, It No. 22.7) | Sqm | 95.40 | Rupees Ninety Five and Forty Paise Only |

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| Sl. No. | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 7 | 1248.45 | KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 118, item No. 17.1) | cum | 106.00 | Rupees One Hundred Six Only |

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19/12

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DTS Approved

Chief Engineer
Yelahanka Zone
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Bangalore 92

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## DRAFT TENDER SCHEDULE

**Issued to :** **Original / Duplicate**

**Improvements to drains Hoysala Apartment towards Byatarayanapura in ward No.07, Byatarayanapura**

| Sl. No. | Quantity. | Description | Unit | Rates | |
|---|---|---|---|---|---|
| | | | | In Figures | In Words |
| 1 | 256.32 | KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.141.Item No.19.1) | cum | 166.42 | Rupees One Hundred Sixty Six and Forty Two Paise Only |
| 2 | 32.04 | KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, conrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.12, It.4.3) | cum | 5159.02 | Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only |
| 3 | 80.10 | KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls( anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications. Seocifications No. KBS 4.1,4.6 ( Page NO. 13, Item NO. 4.11) | cum | 6371.66 | Rupees Six Thousand Three Hundred Seventy One and Sixty Six Paise Only |
| 4 | 48.06 | Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page No.17, Item No.17) | Tonne | 64243.42 | Rupees Sixty Four Thousand Two Hundred Forty Three and Forty Two Paise Only |
| 5 | 640.80 | Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32) | Sqm | 387.96 | Rupees Three Hundred Eighty Seven and Ninety Six Paise Only |
| 6 | 256.32 | KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 118, item No. 17.1) | cum | 106.00 | Rupees One Hundred Six Only |

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